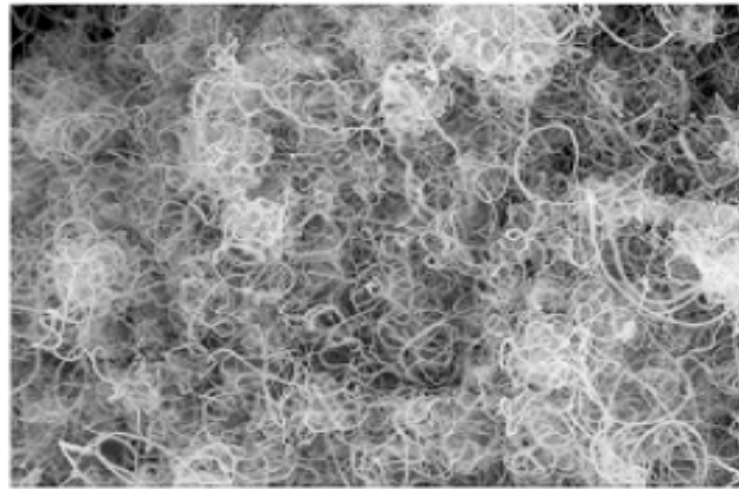


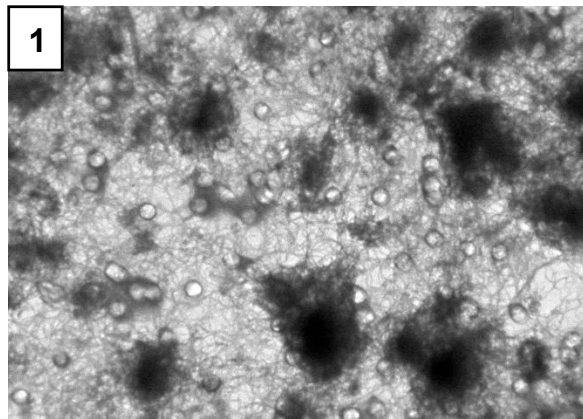
Figure 1

A

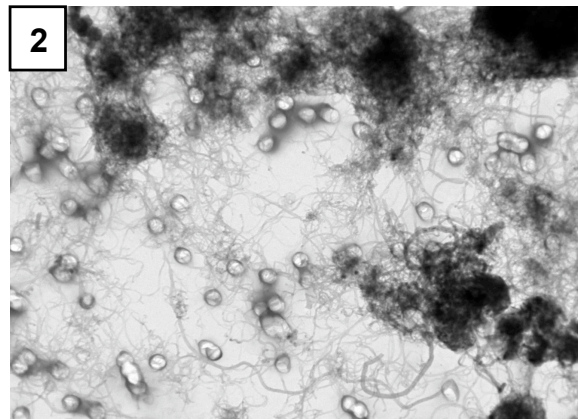


1 μm

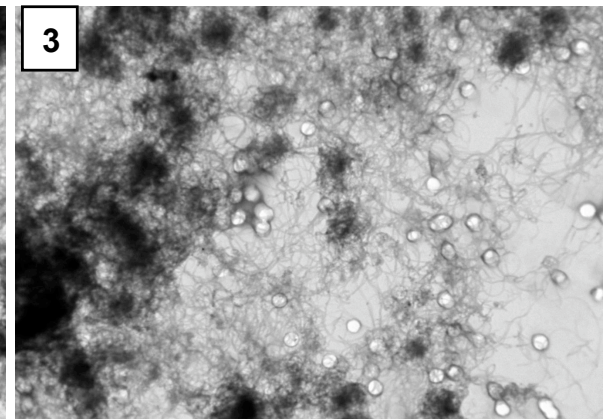
B



1 μm



1 μm



1 μm

Figure 2

A

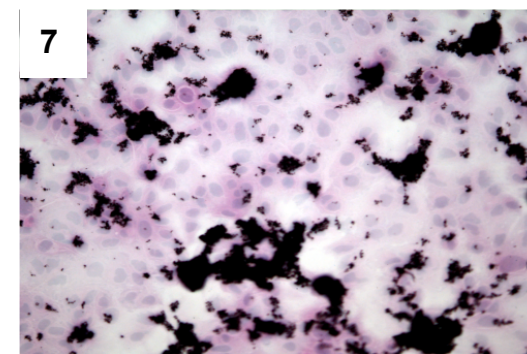
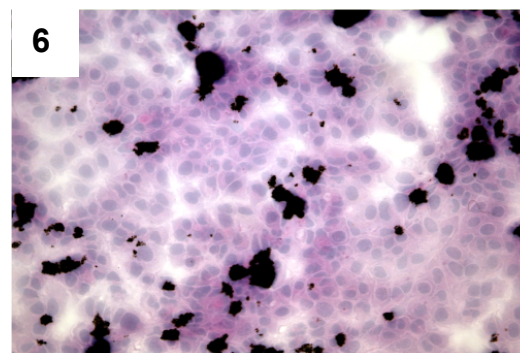
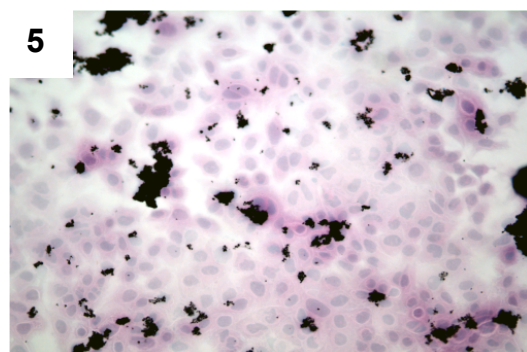
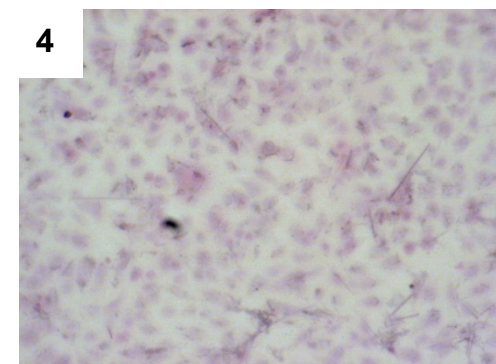
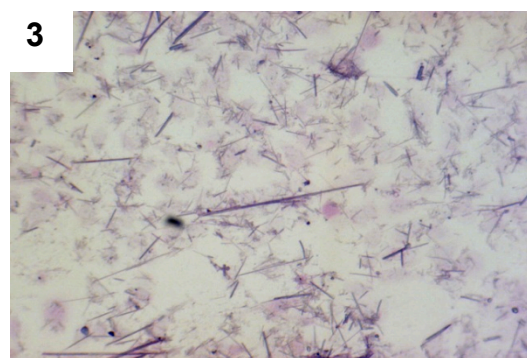
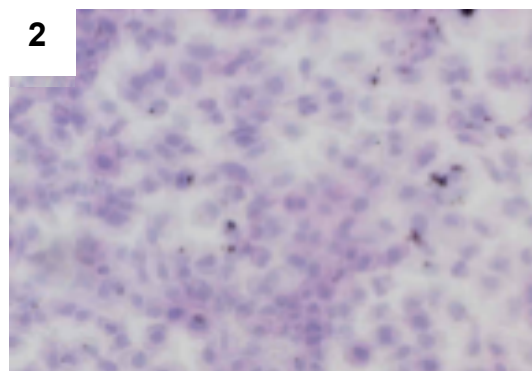
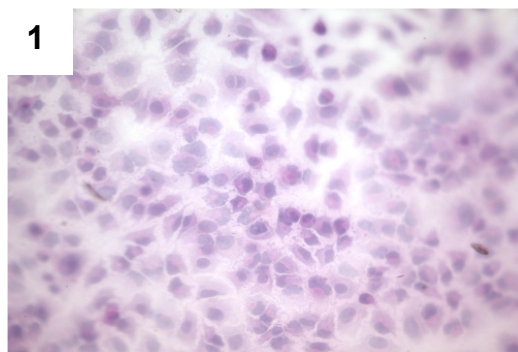


Figure 2

B

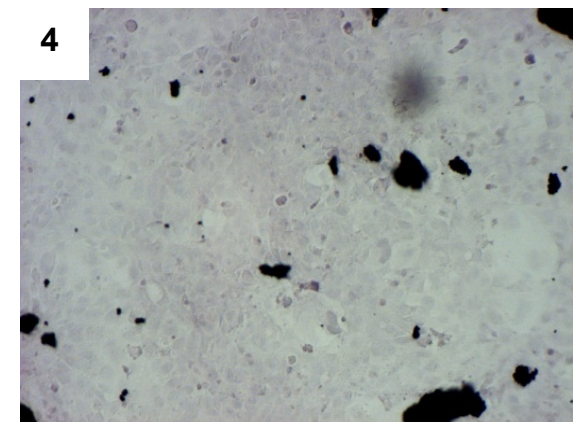
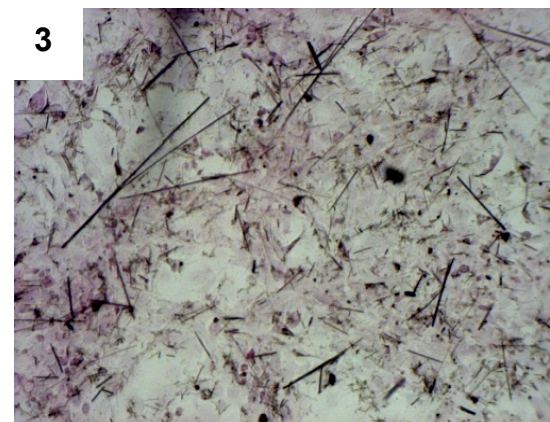
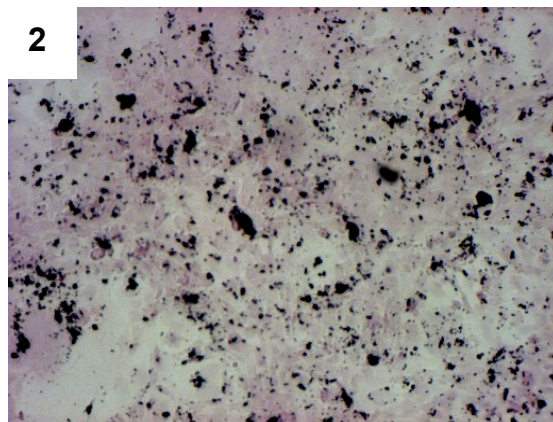
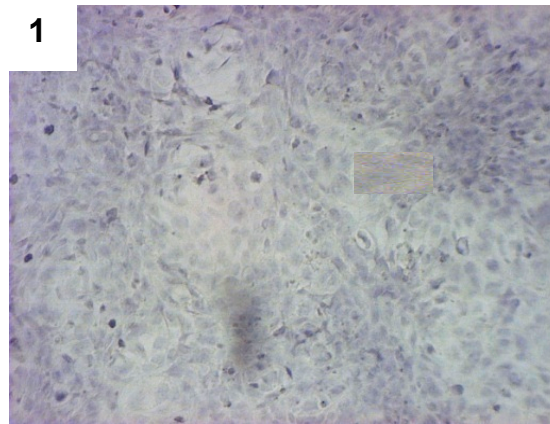


Figure 3

A

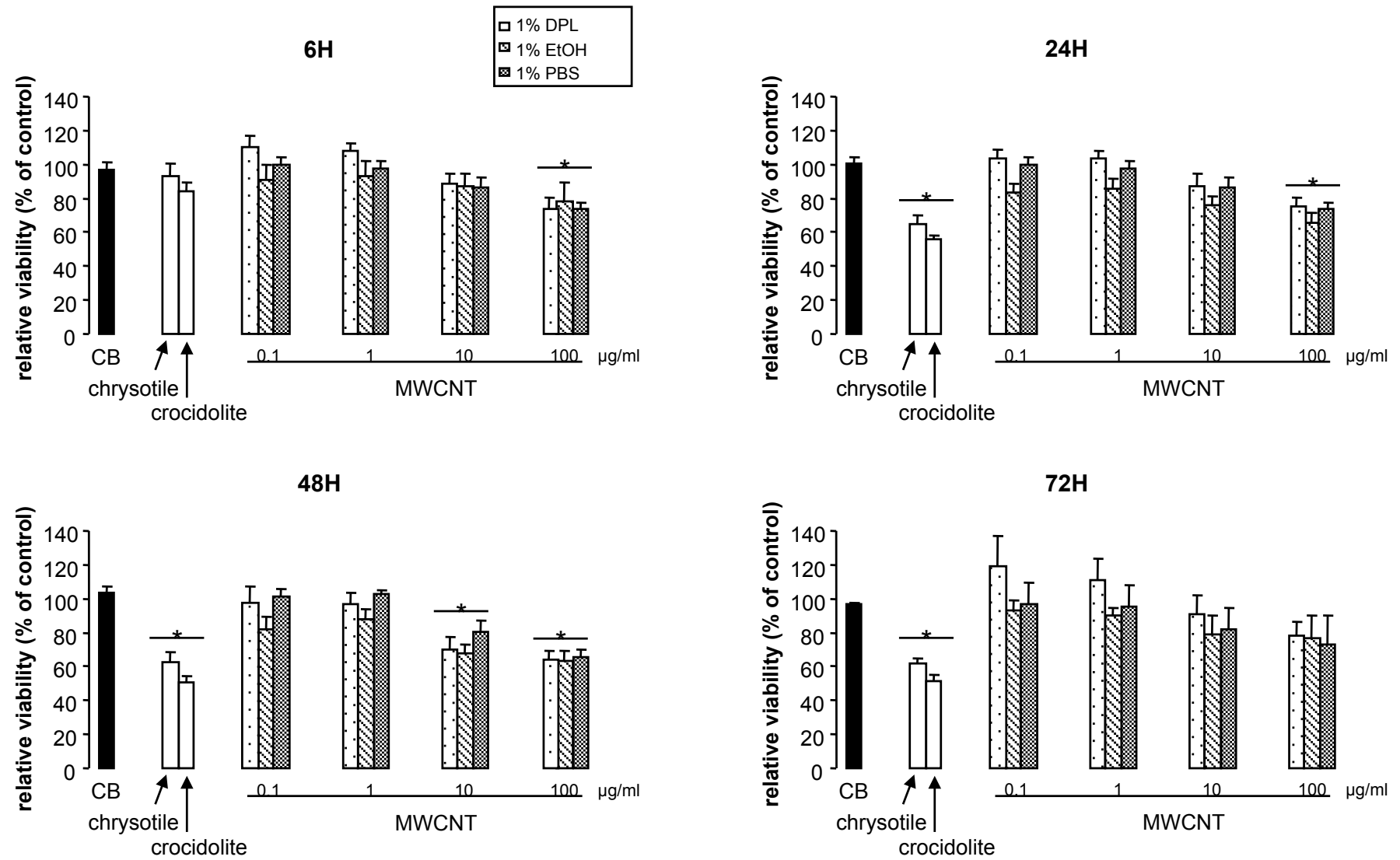


Figure 3

B

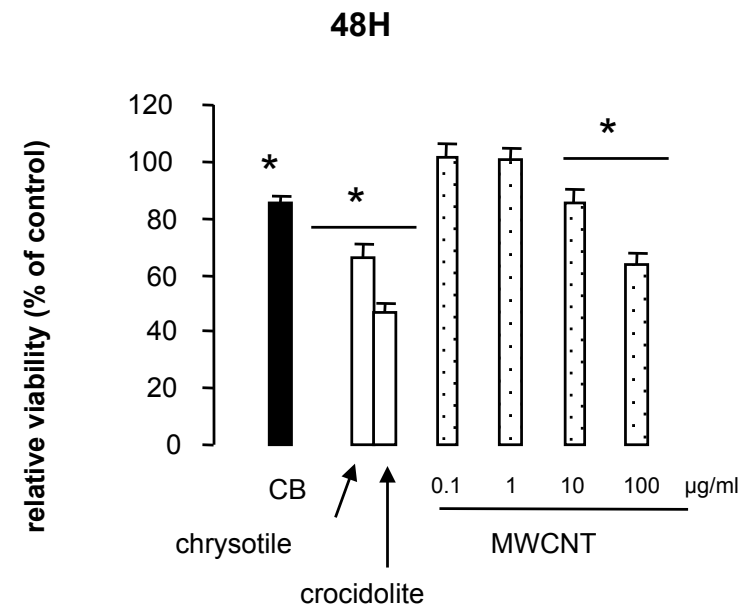
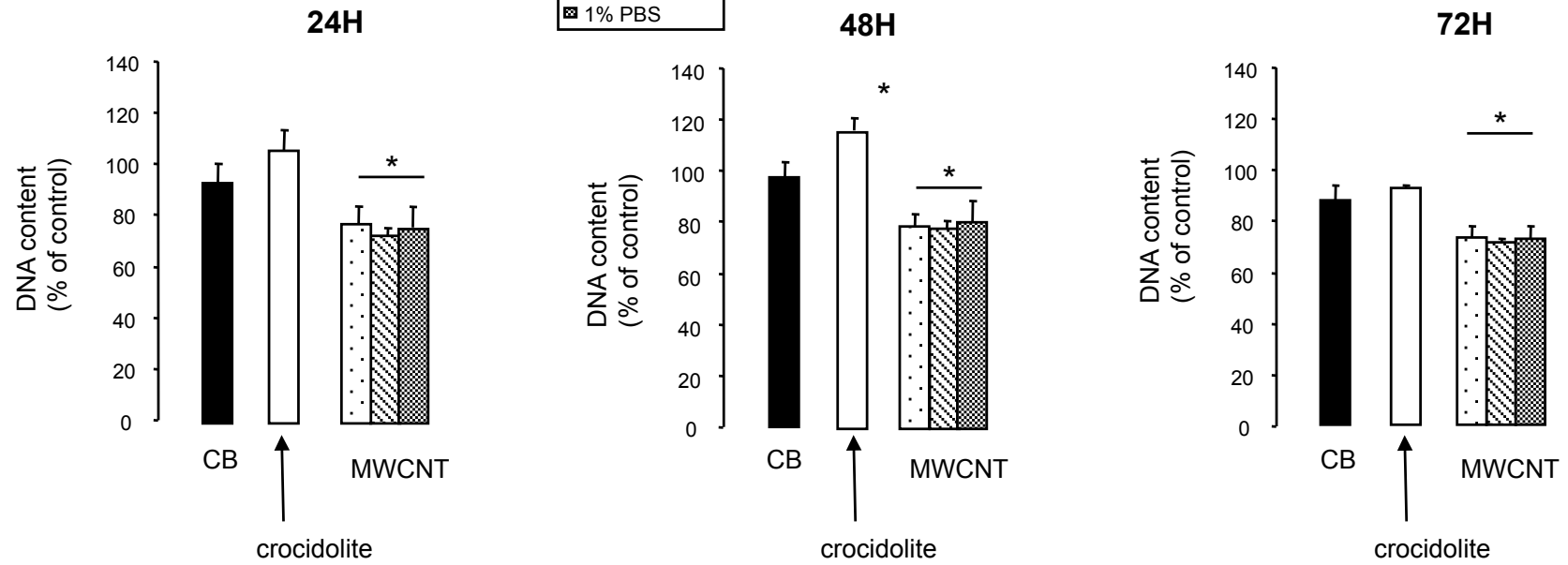


Figure 4

A



B

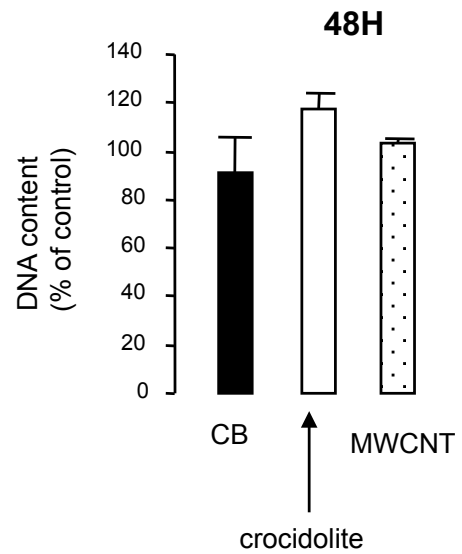
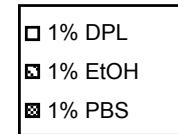
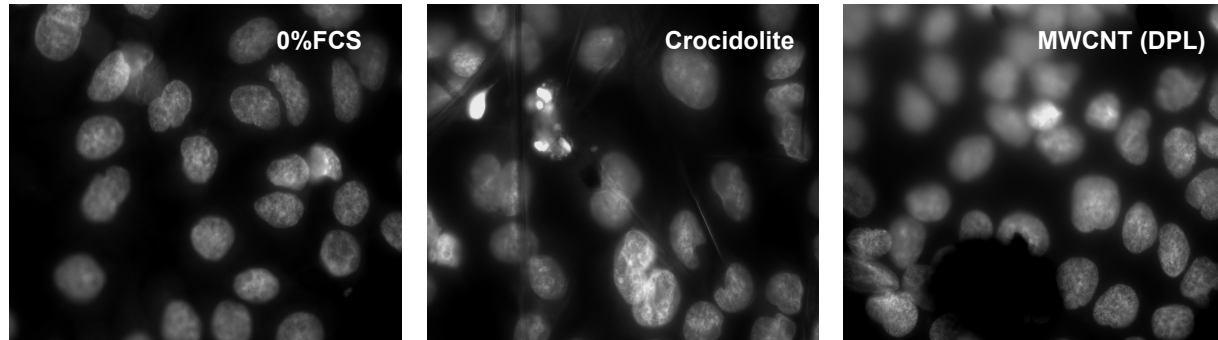


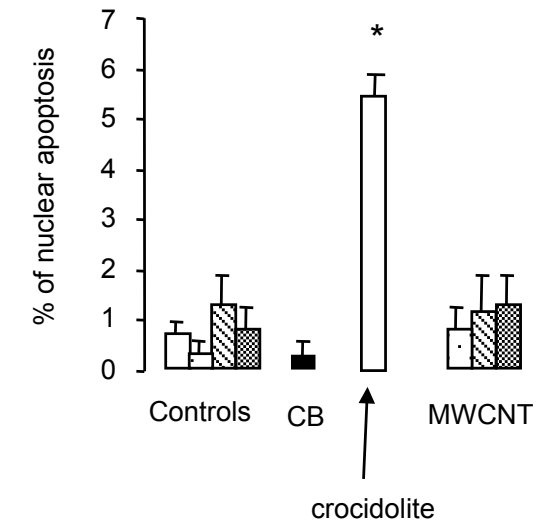
Figure 5



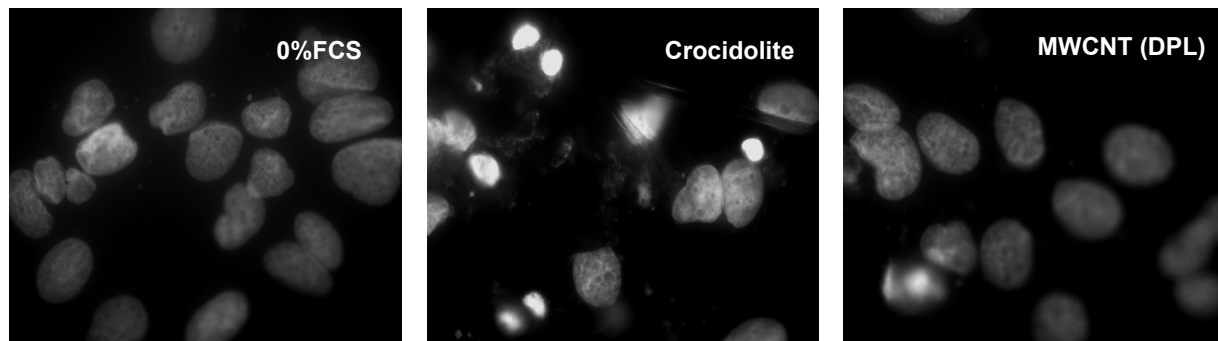
A



B



C



D

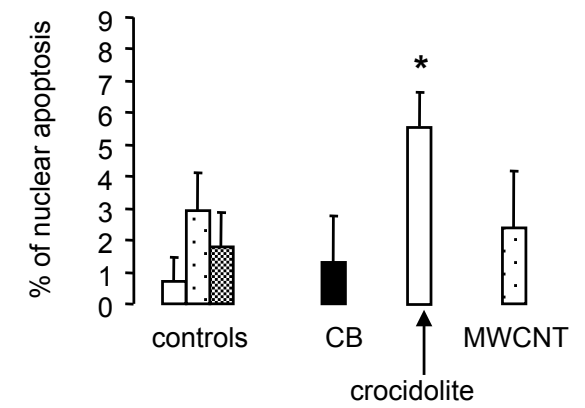
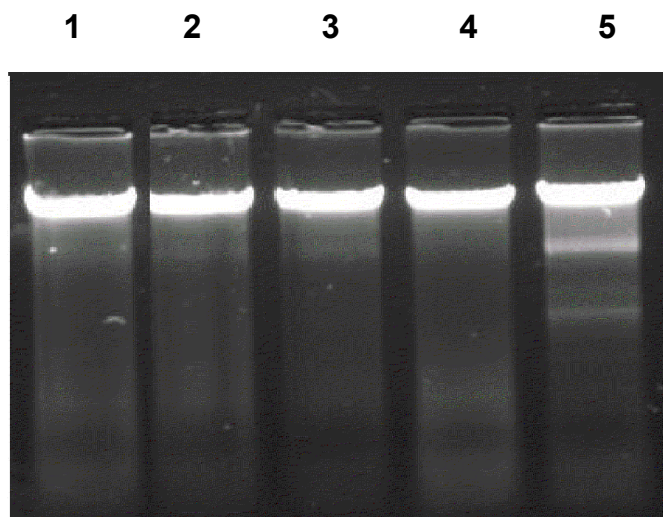


Figure 6

A



B

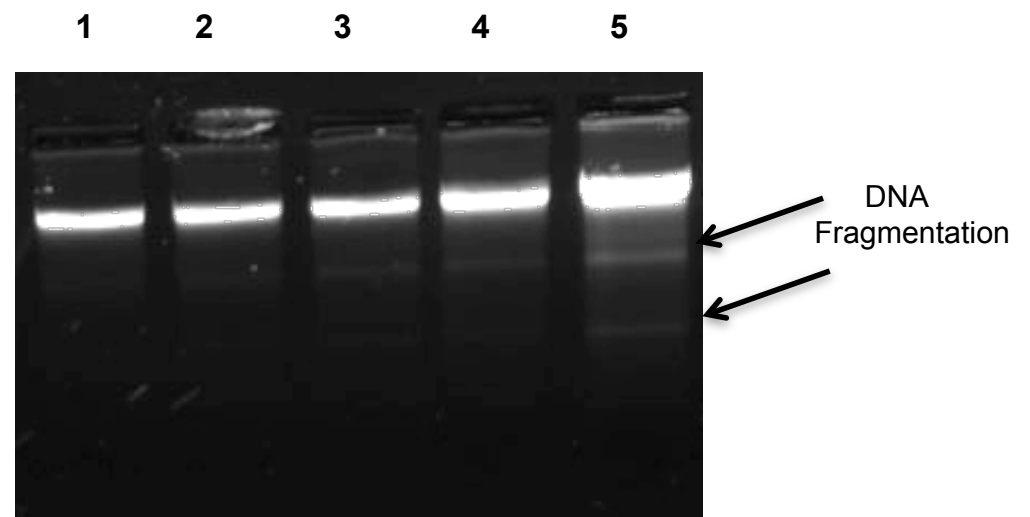


Figure 7

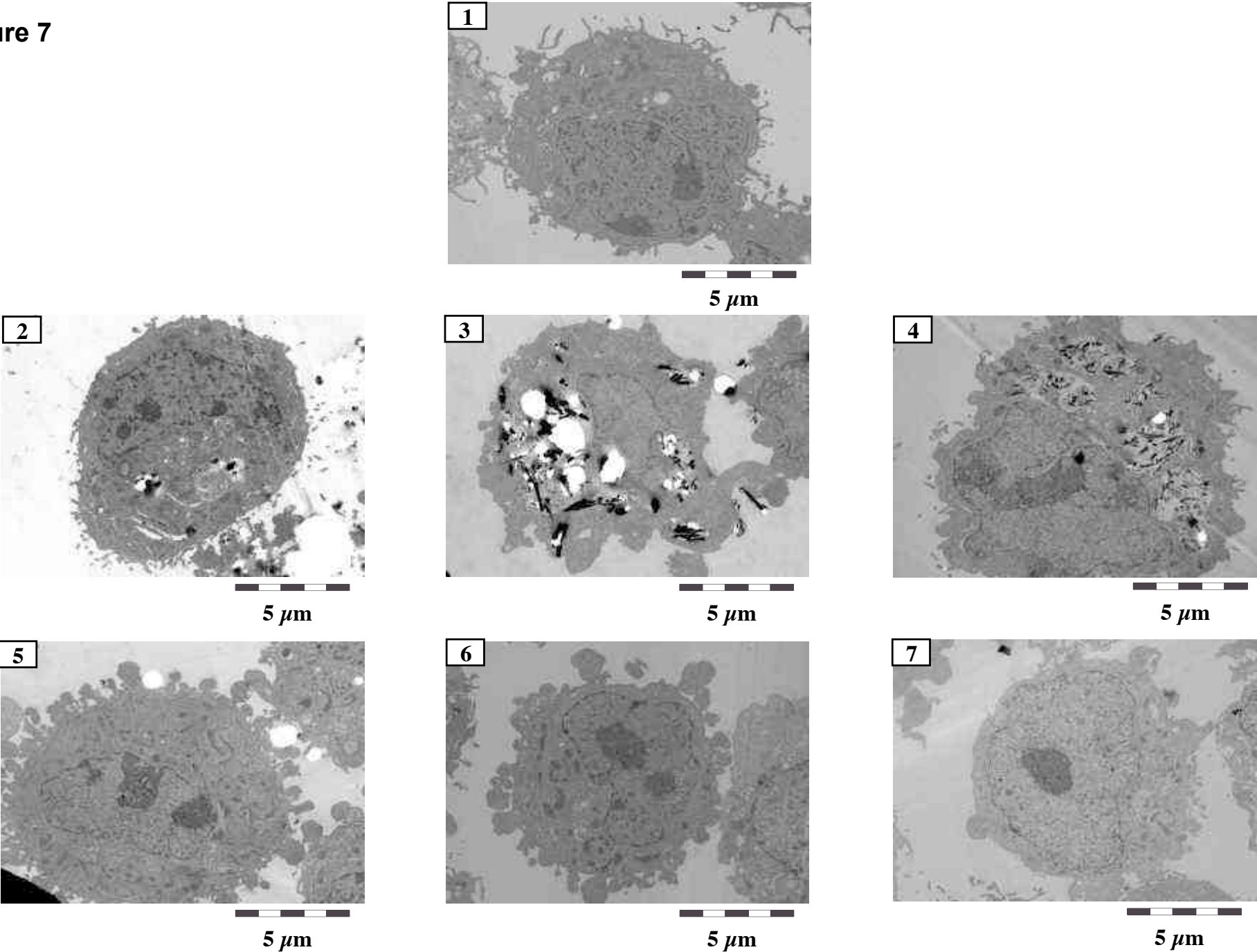


Table 1

Gas [gas-phase probe molecules]	N(CH₃)₃ [acidic sites]	HCl [basic sites]	CF₃COOH [basic sites]	NH₂OH [carbonyl functions]	O₃ [oxidizable sites]	NO₂ [oxidizable sites]
MWCNT	6.0 . 10¹³	1.6 . 10¹⁵	4.9 . 10¹⁴	4.7 . 10¹⁵	7.8 . 10¹⁶	2.3 . 10¹⁴

Table 2

	MWCNT aggregate area (μm^2)/field	MWCNT aggregate number/field
A549 (DPL)	$16,64 \pm 1,50$	$154,50 \pm 7,23$
(EtOH)	$20,11 \pm 2,01$	$99,60 \pm 5,15 \#$
(PBS)	$31,08 \pm 2,20 *$	$155,40 \pm 10,11$
Met5A (DPL)	$14,29 \pm 0,93$	$42,80 \pm 2,09$